

## Method for extracting impurities using ionic liquids

## Abstract

- 5 The invention relates to a process for the extractive removal of phenols, alcohols, amines, phosphines, hydroxylamines, hydrazines, oximes, imines, water, carboxylic acids, amino acids, hydroxamic acids, sulfinic acids, sulfonic acids, peroxy-carboxylic acids, phosphonous acids, phosphinous acids, phosphonic acids, phosphinic acids or phosphoric acids from aprotic solvents by means of ionic liquids of the formula
- 10  $[K]_n+[A]^{n-}$ , where n,  $[K]^+$  and  $A^{n-}$  are defined as in the description.